

Useful Loggers

Logger name	Scope	Recommended log levels	Description	Verbosity
com.evolveum.midpoint.model.common.mapping.Mapping	Mapping Trace	TRACE	Logs summary of execution for each mapping. This is quite high-level mapping evaluation.	Medium
com.evolveum.midpoint.model.common.expression.Expression	Expression Trace	TRACE	Logs summary of expression evaluation. This is lower-level trace of the expression with input and output dumps. It is quite verbose.	High
com.evolveum.midpoint.model.common.expression.script.ScriptExpression	Script Expression Trace	TRACE	Logs a lot of details about script expression evaluation (Groovy, JavaScript, ...) Provides a lot of details	Very high
com.evolveum.midpoint.model.impl.lens.projector.Projector	Projector Trace	DEBUG TRACE	Logs the stages of projector computation. Especially the TRACE level is very verbose. However this is the best tool how to troubleshoot problems with synchronization mappings and mapping interactions.	High
com.evolveum.midpoint.model.impl.lens.projector	Detailed Projector Trace	DEBUG TRACE	Logs the stages of projector computation and also the details of each stage. Especially the TRACE level is extremely verbose. It could be used in a rare occasions, usually used to diagnose midPoint bugs.	Nightmare
com.evolveum.midpoint.model.impl.lens.Clockwork	Clockwork Summary	DEBUG	Provides summary of clockwork execution including cause of the events, overview of projector computation and the results (changes). Very nice output. Recommended for basic troubleshooting.	Medium
com.evolveum.midpoint.model.impl.lens.Clockwork	Clockwork Trace	TRACE	Tracing the workings of clockwork (projection, execution, workflow). It dumps the context between major clockwork stages.	High
com.evolveum.midpoint.model.impl.lens.ChangeExecutor	Change Executor Trace	TRACE	Logs all changes that clockwork does (User, Accounts, also other objects)	Medium
org.identityconnectors.framework	Connector Trace	TRACE	Logs all invoked operations executed on all connectors and their return values.	High